

Title (en)

Water chamber for a motor vehicle

Title (de)

Wasserkasten für ein Kraftfahrzeug

Title (fr)

Réservoir d'eau pour un véhicule automobile

Publication

EP 2660084 B1 20140716 (DE)

Application

EP 12166145 A 20120430

Priority

EP 12166145 A 20120430

Abstract (en)

[origin: EP2660084A1] The box (10) has an inner ceiling wall (13), an inner base (20) and an inner side wall (21) limiting an inner chamber (23), and an air inlet opening (9) through which air i.e. fresh air, flows into the inner chamber. The air is discharged from the inner chamber. A water overflow aperture (17) discharges water from the inner chamber. The box is formed as a heat exchanger. A heat exchanger element transfers thermal energy of exhaust air into the inner chamber. A suction line (8), an outer base (26) and an outer side wall (27) conducts exhaust air to the heat exchanger element. Independent claims are also included for the following: (1) a method for tempering a water box of a motor car (2) a motor car.

IPC 8 full level

B60H 1/00 (2006.01); **B60H 1/28** (2006.01); **B62D 25/08** (2006.01)

CPC (source: CN EP US)

B01D 45/08 (2013.01 - US); **B60H 1/00021** (2013.01 - US); **B60H 1/00321** (2013.01 - CN EP US); **B60H 1/039** (2019.04 - EP US); **B60H 1/28** (2013.01 - CN EP US); **B60H 2001/00214** (2013.01 - CN EP US)

Cited by

CN106470891A; EP2905158A1; US10227092B2; DE102021116825B3; WO2016169932A1

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DOCDB simple family (publication)

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